DATASHEET

HDMI-KVM Extender over CAT5







General data

This KVM HDMI Extender is a solution for transmission and extension of uncompressed 1080p@60Hz HDMi signal over a single Cat5/5e/6 network cable. It includes a transmitter(TX) and a receiver unit (RX), working as pair. Transmission distance is up to 60 meters with nearly zero latency. This KVM Extender can remote control the source device from the receiver side via keybord and mouse. It’s perfect for Audio Video transmission in applications of HD conference systems, HD video shooting, HD multimedia education system, HD digital advertising and digital signage etc.

Features

- HDMI KVM Extender on Low Latency network cable
- Extends HDMI signal up to 60 m and supports KVM function for point to point connection
- With integrated microphone and audio input 3.5 m
- Transmitter supports one HDMI loop-out
- Supports resolution up to 1080p@60Hz
- Real time transmission, low latency
- Supports KVM function
- Transmission distance up to 60 m via Cat6 cable, 50 m via Cat5E and Cat5
- Can be powered by network cable and only transmitter need power supply
- Dimensions: 95 x 78 x 18.6 mm (L x W x H)
- Material: aluminum alloy and crystal panel
- Treatment process: Grit blast
- Color: black

Technical specification

- Power Supply: DC5V/2A only for transmitter
- Consumption: Transmitter 2W; Receiver <2W

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- Supports HDMI 1.3 and HDCP 1.4
- Supported HDMI resolutions: 720x576p@50Hz, 720x480p@60Hz, 1280x720p@60Hz, 1920x1080p@60Hz, 1024x768p@60Hz, 1280x800p@60Hz, 1280x1024p@60Hz, 1440x900p@60Hz, 1680x10850p@60Hz
- Maximum transfer rate: 10.2Gbps
- Input and output TMDS signal: from 0.5 to 1.5Vp-p
- Input and output DDC signal: 5Vp-p(TTL)
- Transmission lenght: up to 60 m with Cat6 cable; up to 50 m with Cat5E and Cat5 cables

Operating environment
- Working temperature: from 0 to 60°C
- Storage temperature: from -10 to 70°C
- Humidity (no condensation): from 0 to 90%

Package content
- 1 Transmitter
- 1 Receiver
- 1 DC5V/2A power adapter
- 1 User manual

Technical properties	
Automatic alarm processing	False
Automatic sequence	False
Full screen at alarm	False
Max. resolution	1080@60Hz
OSD-programming	False
Suitable for 19 inch mounting	False
Text generator	False
Video loss function	False
Video norm	Colour PAL
With communication interface	False
With loop through function	False

Available variants

ArtNr.	Bezeichnung	Number of camera inputs	Number of monitor outputs
IDATA-HDMI-KVM60	HDMI-KVM Extender over CAT5	1	1

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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